Physics Curriculum Map

Mr. Stefanović

Fall Semester: Music, Motion, and Mechanics

1	Four Ways (Quadrivium)	1 week	Aug-Sep
2	Galileo's New Science of Motion	2 weeks	September
3	The Quantity of Motion (Momentum)	2 weeks	Sep–Oct
4	Vis Viva (Kinetic Energy)	2 weeks	October
5	Potential Energy	2 weeks	October
6	Hamilton's Equations	2 weeks	Oct–Nov
7	New Astronomy	2 weeks	Nov–Dec
8	Mechanical Waves and Sound	2 weeks	December

Spring Semester: Everything is Made of Particles

9	Optics	2 Weeks	January
10	Particles in Fields	2 weeks	Jan–Feb
11	Electric Current and Circuits	2 weeks	February
12	Microscopic Motion, Temperature, and Heat	2 weeks	Feb–Mar
13	Relativity	2 weeks	March
14	Atoms and Photons	2 weeks	April
15	Middle Model (Nuclear Physics)	2 weeks	Apr–May
16	ΛCDM Cosmology	2 weeks	May